

ABSTRACT OF THE DISCLOSURE

A portable data storage device mainly includes a universal serial bus (USB) connector; a volatile memory for reading, writing, and storing data; a control chip connected between the USB connector and the volatile memory for serving as a transmission interface with an external electronic apparatus; a charging battery for providing power needed by the volatile memory to store data; and a battery charging circuit connected between the USB connector and the charging battery for charging the charging battery, so that the portable data storage device has increased data processing speed and may be produced at lowered cost.